



Electronic Information Disclosure Statement

Microneedle devices and production thereof

Application: 
10/023259

Confirmation: 6122

Applicant(s): Jung-Hwan Park

Docket Number: BVTP-P01-590

Group Art Unit: 3763

Examiner:

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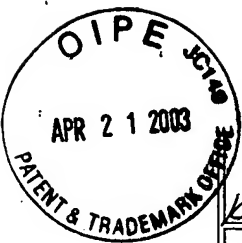
TECHNOLOGY CENTER R3700

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US Patent Documents

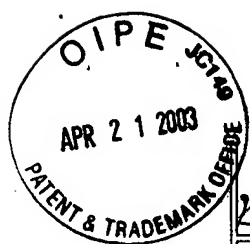
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init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	2893392	1959-07-07		Wagner		
	P02	3034507	1962-05-15		McConnell et al.		
	P03	3072122	1963-01-08		Rosenthal		



KCS	P04	3086530	1963-04-23		Groom
	P05	3123212	1964-03-03		Taylor et al.
	P06	3136314	1964-06-09		Kravitz
	P07	3221739	1965-12-07		Rosenthal
	P08	3221740	1965-12-07		Rosenthal
	P09	3556080	1971-01-19		Hein
	P10	3596660	1971-08-03		Melone
	P11	3675766	1972-07-11		Rosenthal
	P12	3918449	1975-11-11		Pistor
	P13	3964482	1976-06-22		Gerstel et al.
	P14	4109655	1978-08-29		Chacornac
	P15	4159659	1979-07-03		Nightingale
	P16	4222392	1980-09-16		Brennan
	P17	4320758	1982-03-23		Eckenhoff et al.
	P18	4664651	1987-05-12		Weinsbenker et al.
	P19	4671288	1987-06-09		Gough
	P20	4703761	1987-11-03		Rodion et al.
	P21	4771660	1988-09-20		Yacowitz
✓	P22	4775361	1988-10-04		Jacques et al.

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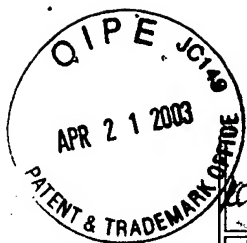


265	P23	4798582	1989-01-17		Sarath et al.
	P24	4921475	1990-05-01		Sibalis
	P25	4969468	1990-11-13		Byers et al.
	P26	5035711	1991-07-30		Aoki et al.
	P27	5054339	1991-10-08		Yacowitz
	P28	5138220	1992-08-11		Kirkpatrick
	P29	5147355	1992-09-15		Friedman et al.
	P30	5250023	1993-10-05		Lee et al.
	P31	5279544	1994-01-18		Gross et al.
	P32	5279552	1994-01-18		Magnet
	P33	5335670	1994-08-09		Fishman
	P34	5364374	1994-11-15		Morrison et al.
	P35	5383512	1995-01-24		Jarvis
	P36	5401242	1995-03-28		Yacowitz
	P37	5457041	1995-10-10		Ginaven et al.
	P38	5527288	1996-06-18		Gross et al.
	P39	5582184	1996-12-10		Erickson et al.
	P40	5591139	1997-01-07		Lin et al.
✓	P41	5599302	1997-02-04		Lilley et al.

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P42	5605662	1997-02-25	Heller et al.
P43	5611806	1997-03-18	Jang
P44	5611809	1997-03-18	Marshall et al.
P45	5611942	1997-03-18	Mitsui et al.
P46	5618295	1997-04-08	Min
P47	5632957	1997-05-27	Heller et al.
P48	5658515	1997-08-19	Lee et al.
P49	5697901	1997-12-16	Eriksson
P50	5758505	1998-06-02	Dobak et al.

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Remarks

(Remarks are not for responding to an office action.)

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the above listed references. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned. While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such. In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents should one or more of the documents be applied against the claims of the present application. The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. BVTP-P01-590.



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Group Art

3763

Unit:

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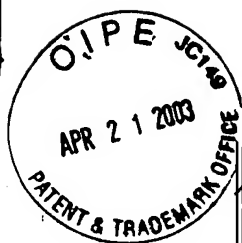
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US Patent Documents

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init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
✓	P01	5801057	1998-09-01		Smart et al.		
	P02	5807375	1998-09-15		Gross et al.		
	P03	5843114	1998-12-01		Jang		
	P04	5848991	1998-12-15		Gross et al.		
			1998-12-				



✓	P05	5852495	22		Parce
	P06	5855801	1999-01-05		Lin et al.
	P07	5858188	1999-01-12		Soane et al.
	P08	5865786	1999-02-02		Sibalis et al.
	P09	5865796	1999-02-02		McCabe
	P10	5876675	1999-03-12		Kennedy
	P11	5879326	1999-03-09		Allen et al.
	P12	5883211	1999-03-16		Sassi et al.
	P13	5885211	1999-03-23		Eppstein et al.
	P14	5899880	1999-05-04		Bellhouse et al.
	P15	5911223	1999-06-15		Weaver et al.
	P16	5919159	1999-07-06		Lilley et al.
	P17	6050988	2000-04-18		Zuck
	P18	6080116	2000-06-27		Erickson et al.
	P19	6132755	2000-10-17		Eicher et al.
	P20	6312612	2001-11-06		Feisal et al.
✓	P21	6334856	2002-01-01		Allen et al.

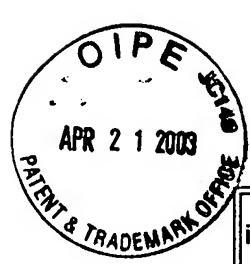
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Published Applications

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init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
EC	U01	20010053891	2001-12-20		Ackley		

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Examiner Name	Date
	2/22/03



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Examiner: Sirmons, Kevin C

search string: (2814296).pn.

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
100	P01	2814296	1957-11-26		Everett		

Remarks

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listed documents should one or more of the documents be applied against the claims of the current application. The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. BVTP-P01-590.

Signature

Examiner Name	Date
<i>Simmons</i>	8/23/03



Signature

Examiner Name	Date
<i>Simon</i>	<i>2/23/03</i>

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